

WESTOVER ARB, MA UTILITY SYSTEM DESCRIPTIONS

System Descriptions: Westover Air Reserve Base (ARB) is located 5 miles northeast of Chicopee, MA. The following information provided is only an estimate and is subject to change.

Potable Water: Water is supplied by the City of Chicopee through two metered mains. The water distribution system includes over 13 miles of main distribution lines and a 500,000-gallon storage tank. The water main pipe includes over 10,000 feet of HDPE slip lined 16 inch AC pipe, over 11 miles of DI and cement lined DI pipe up to 12 inches, and 108 fire hydrants.

Natural Gas: Natural gas is delivered to the Base through four metering stations from Bay State Gas. The natural gas distribution system includes over 5.5 miles of PE distribution piping.

Electrical: Electric power is provided to the site by Chicopee Electric Light through the main switch station. From the main switch station one overhead 13.8 kV circuit feeds the West portion of the site. One other overhead 13.8 kV distribution circuit feeds the 4800 V substation. At the 4800 V substation there are two sets of metal enclosed switchgear, one rated for 15kV and one for 5 kV, as well as two 5 MVA station transformers. The remainder of the site is feed by a mix of overhead and underground 4800V power distribution circuits. There are approximately 33 miles of primary overhead lines and 24 miles of primary underground lines. There are also approximately 13 miles of secondary overhead and underground lines.

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